

## Slim Ouertani

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Architect / InfoQ Fr Editor / SOA Trainer  
Togaf, PMP, SOA, Spring, Java, Cmmi, ITIL, Mongo, Scala

### EXPERIENCE

**Solution Architect**, Al-Elm Information Security, Riyadh 06-2014

- Architecting and Designing enterprise solutions using diverse technology stack
- Work with peers to conduct Solution Architecture Reviews for a broad set of projects
- Review and provide input into functional & non-functional requirements
- Provide consulting and conduct reviews through the development lifecycle
- Defining the Architecture and guiding the use of various tools, technologies and techniques in the realization of that Architecture
- Create and maintain a set of standard practices, patterns and anti-patterns and ensure the appropriate usage of that.

**Software Architect, International Agile Coach**, Sofrecom, Orange FT Group, Tunisia 03-2013

- Manage and direct virtual distributed teams
- Make or Buy Analysis
- Establish regular meetings to review technical designs and provide mentoring and guidance
- Mentor development teams on different architecture and design paradigms or practices
- Maintain a knowledge base of emerging technologies and products
  - Scrum Master, Enterprise Architect, Apache Camel, Spring
  - CXF, Spring Batch, Atomikos, ActiveMq, Jonas, hibernate

**JEE Architect**, Zenika, Paris 12-2012

- Client : Bouygues Telecom
- Project : Home Automation (2 months)
- BBox embedded automation solution communicating with centralized system
  - Embedded: OSGI, REST server/client, Raspberry pi
  - Server : Fuse ESB, CXF, Camel, Spring, Jax-Rs, Osgi, Maven
- Client : SwissPost
- Project : Image Plus (2 months)
- Online outsourcing solution for picture processing.
  - Scrum, Kanban, Jenkins, Git, Cloudbees, Maven
  - MVP, Spring 3.1, GWT 2.5, JPA 2

**IS Head of Development and Tools Service**, Orange, Tunisia 01-2010

- JEE 6, MDB, JPA, Scala, Wicket, Play, J2ME, Spring ROO, WS, Glassfish, Talend, Birt
- Development and implementation of a web service platform :
  - JEE 6, SCALA, EJB 3.1, JAX-WS, Oracle, JPA
  - IN/AIR, BSCS/CMS / Data Charging/ CRM / IVR / USSD

- Development of the after sales service solution
  - Play 1.2.x, groovy, jquery
- Launch of BI project
  - Talend, Birt, Oracle
- Bulk SMS
  - Wicket, JEE 6, JPA, Postgres
- Unbarring SMS
  - J2ME, JAX-WS, MDB, JPA
- Intranet tool
  - Joomla 1.5
- Different applications
  - inter systems and synchronization platforms, web application...

**Solution Architect**, Sagem Software & Technologies, Tunisia 06-2009

- Architecture design and integration of a communication server and administration of remote gateways.
  - JEE, JMS, Spring, GWT, AndroMda, Hibernate, SMS
  - Jboss, ActiveMq, MDA

**Solution Architect**, Sagem Software & Technologies, Tunisia 03-2008

- Modular OSGi Server architecture under Linux platform responsible for controlling and interacting with electricity counters in order to retrieve statistics and have data storing/manipulation via different technologies and frameworks
  - OSGI, SCA, Spring DM, JAX-WS, JPA, GPRS, GSM/DATA, SMS, SNMP4j, Hessian, Ftp, Equinox, JETTY, POSTGRESQL
  - DISTRIBUTED COMPUTING, Cryptography

**Solution Architect & Team Leader**, Sagem Software & Technologies, Tunisia 12-2007

- Designing an SOA architecture and implementation of an Intranet service for human resources using liferay portal.
  - JEE5, EJB3, JAX-WS, JSF, PORTLET, JPA, SOA
  - GLASSFISH V2, TOMCAT6, LIFERAY 4.4, POSTGRESQL

**Coordinator**, STMicroelectronics, Tunisia 02-2006

- Implementing Intranet tools used for monitoring the evolution of validation campaigns.
  - J2EE, JSF, Hibernate/JPA, JAXB/JAXP, Design Pattern
  - TOMCAT 5.5, POSTGRESQL

**Developer**, STMicroelectronics, Tunisia 12-2005

- Validating processors and compilers under different platforms.
  - Linux, Solaris, Cygwin, Mingwin, Perl ,Shell

**Developer and designer**, GL TRADE, Tunisia 08-2005

- GL TACTICS: A trader module enhancing the efficiency of the negotiating teams giving them the possibility to customize the implementation strategies and accelerate the decision process.

– C++, Design Pattern

## CERTIFICATE

<i>Togaf Certified</i> , Open Group	Score 90%, 06-2015
<i>ITIL Foundation</i> , Exin	Score 95%, 06-2015
<i>Togaf Foundation</i> , Open Group	Score 95%, 04-2015
<i>Project Management Professional</i> , PMI	03-2015
<i>SOA Trainer</i> , Arcitura	01-2015
<i>SOA Architect</i> , Arcitura	With Honors, 12-2014
<i>SOA Professional</i> , Arcitura	With Honors, 11-2014
<i>Introduction to Cmmi for development</i> , Cmmi Institute	09-2014
<i>Entrepreneurship for all</i> , EFFECTUATION, EMLYON	Score 75,8%, 01-2014
<i>Principles of Reactive Programming</i> , Coursera	Score 97.5%, 01-2014
<i>MongoDB for DBAs</i> , MongoDB	Score 94%, 11-2013
<i>Functional Programming Principles in Scala</i> , Coursera	Score 97.9%, 11-2013
<i>MongoDb for java</i> , MongoDb	Score 95%, 10-2013
<i>Spring Framework 3</i> , Pivotal	Score 94%, 02-2013
<i>Java 6 Programmer Certified Professional</i> , Oracle	Score 100%, 08-2012
<i>Team Performance</i> , STMicroelectronics	04-2007
<i>English</i> , British Council	4B, 02-2007
<i>GL Certified Professional</i> , GL TRADE	09-2005

## EDUCATION

Graduation Project in computer engineering from the National School of Computer Science in Tunisia (ENSI).	2005
National School of Computer Science in Tunisia (ENSI).	2005 2002
Tunis Preparatory Institute for Engineering Studies (IPEIT)	
Preparatory Courses (Math Sup, Math Spe)	2002 2000
Bachelor. Mathematics (with honors)	2000

## TRAINING

PMP, <a href="http://www.pmi.org/">http://www.pmi.org/</a> Project Management Professional	11.2014
Advanced OSGi, <a href="http://www.sagem.com">www.sagem.com</a> By: Slim Ouertani Problematic & OSGi design pattern : White board & Extender	08.2009
Problematic & OSGi design pattern , <a href="http://www.paremus.com/">http://www.paremus.com/</a> By: David Savage & Mike Francis SCA architecture with Newton, <a href="http://newton.codecauldron.org">http://newton.codecauldron.org</a>	01.2009
OSGi, <a href="http://www.prosyst.com/">http://www.prosyst.com/</a> By : Roman Roelofsen OSGi architecture and environment	05.2008

## LANGUAGES

Arabic, French English

Written & Spoken

## OTHER ACTIVITIES

### InfoQ Fr Editor

<http://www.infoq.com/fr/author/Slim-Ouertani>

### Open source

<https://github.com/ouertani>

<http://www.reactive-streams.org>

### Blogging

<http://java.dzone.com/users/slim.ouertani>

<http://ouertani.github.io>

<http://www.jroller.com/ouertani>

<http://twitter.com/ouertani>

### Stample

<https://stample.co>

Scala, Akka, Play

ElasticSearch, MongoDB, Amazon S3, GreenCloud

## COMPUTER SKILLS

### Design

Functional programming, EA, UML, Design Pattern, MVC, MDA, OO, MVP

### Architecture

Microservices, Reactive, N-tiers, SOA, SCA, Actor

### Cloud

CloudBees, Heroku, App Engine, Amazon S3, GreenCloud

### Agile

Scrum, Kanban

### Web Service

Metro, JAX-WS, CXF, JAX-RS, Hessian, Rest, Axis

### Languages

SCALA, Java/JEE/OSGI, C/C++/C#, ADA, COBOL,...

### Web

PLAY, GWT, Vert.x, WICKET, JSF, PORTLET, JSP, SERVLET, APPLET, HTML

### XML

XML, XSL, XSD, JAXP, JAXB, Stax, SAX, DOM, SCALA XML

### Database

PostgreSQL, MySQL, Oracle, MongoDB

### Persistence

JPA, Hibernate, Toplink, EclipseLink, Slick

### Containers

Glassfish V3, Tomcat 5/6/7, Equinox, JBOSS AS, Jonas 4, OC4J

### Framework

Spring, Spring DM, Liferay 4.4, Fuse ESB, Camel, Spring Batch, ElasticSearch

### OS

UNIX/LINUX, Mac OS, Windows XP, Windows NT, SOLARIS

### IDE

Netbeans, Eclipse, Idea, JDeveloper 10g

### Management

IceScrum, Bugzilla, Trello

### Build tools

Gradle, Maven, Sbt, Javac, Scalac, Ant

### Version control

Git, Subversion, Perforce, CVS, Jazz

### Collaboration

Trello, Slack, Github, Codex, Wiki, Sharepoint

## PUBLICATIONS

### Vrais ou Faux Jumeaux ?

<http://www.infoq.com/fr/articles/vrais-faux-jumeaux>

25.11.2014

### Curryfication Java : methods & fonctions

<http://www.infoq.com/fr/articles/curryfication-java>

29.07.2014

### Des Lenses en Java ?

<http://www.infoq.com/fr/articles/lenses-en-java>

30.06.2014

### Barboter dans le compilateur Java

<http://www.infoq.com/fr/articles/compilateur-java>

02.06.2014

### Mon Trampoline avec Java 8

18.04.2014

<a href="http://www.infoq.com/fr/articles/trampoline-java8">http://www.infoq.com/fr/articles/trampoline-java8</a>	
Dmystifier les iteratees avec Java <a href="http://www.infoq.com/fr/articles/demystifier-iteratees-java">http://www.infoq.com/fr/articles/demystifier-iteratees-java</a>	01.11.2013
Le Trio : Akka, Spring et Scala <a href="http://www.infoq.com/fr/articles/trio-akka-spring-scala">http://www.infoq.com/fr/articles/trio-akka-spring-scala</a>	16.10.2013
Rest with Scala and Vert.x <a href="http://blog.zenika.com/index.php?post/2013/02/12/Rest-with-Scala-and-Vert.x">http://blog.zenika.com/index.php?post/2013/02/12/Rest-with-Scala-and-Vert.x</a> <a href="http://java.dzone.com/articles/rest-scala-and-vertx">http://java.dzone.com/articles/rest-scala-and-vertx</a>	18.02.2013
Fun with Scala and Vert.x <a href="http://blog.zenika.com/index.php?post/2013/02/11/fun-with-scala-and-vert-x">http://blog.zenika.com/index.php?post/2013/02/11/fun-with-scala-and-vert-x</a> <a href="http://java.dzone.com/articles/fun-scala-and-vertx">http://java.dzone.com/articles/fun-scala-and-vertx</a>	11.02.2013
Getting Started with Play 2.1 , Scala 2.10 and Slick 0.11.1 <a href="http://java.dzone.com/articles/getting-started-play-21-scala">http://java.dzone.com/articles/getting-started-play-21-scala</a>	01.11.2012
XML/RPC driver as JCA Scala connector <a href="http://java.dzone.com/articles/xmlrpc-driver-jca-scala">http://java.dzone.com/articles/xmlrpc-driver-jca-scala</a>	28.09.2012
JAX-WS Header : Part 1 the Client Side <a href="http://java.dzone.com/articles/jax-ws-header-part-1-client">http://java.dzone.com/articles/jax-ws-header-part-1-client</a>	26.06.2012
Jaxws Header : Part 2 : Server Side <a href="http://java.dzone.com/articles/jaxws-header-part-2-server">http://java.dzone.com/articles/jaxws-header-part-2-server</a>	25.06.2012
XML-RPC using scala <a href="http://java.dzone.com/articles/xml-rpc-using-scala">http://java.dzone.com/articles/xml-rpc-using-scala</a>	26.06.2012
Sending an Email using the JavaMail Session and Glassfish <a href="http://java.dzone.com/articles/sending-email-using-javamail">http://java.dzone.com/articles/sending-email-using-javamail</a>	26.06.2012
JEE 6 Environmental Enterprise Entries and Glassfish <a href="http://java.dzone.com/articles/jee-6-environmental-enterprise">http://java.dzone.com/articles/jee-6-environmental-enterprise</a>	20.06.2012
Basic MDB with Scala, Sbt and JEE 6 <a href="http://java.dzone.com/articles/basic-mdb-scala-sbt-and-jee-6">http://java.dzone.com/articles/basic-mdb-scala-sbt-and-jee-6</a>	11.09.2011
Basic WS with Scala, Sbt and JEE 6 <a href="http://java.dzone.com/articles/basic-ws-scala-sbt-and-jee-6">http://java.dzone.com/articles/basic-ws-scala-sbt-and-jee-6</a>	10.09.2011
Scala and Quartz DSL <a href="http://java.dzone.com/tips/scala-and-quartz-dsl">http://java.dzone.com/tips/scala-and-quartz-dsl</a>	19.05.2011
Osgi, security on the fly <a href="http://java.dzone.com/articles/osgi-security-fly">http://java.dzone.com/articles/osgi-security-fly</a>	08.04.2011
Specification Pattern by Scala <a href="http://java.dzone.com/tips/specification-pattern-scala">http://java.dzone.com/tips/specification-pattern-scala</a>	03.11.2010
Tips : Wicket and JEE 6 With Servlet 3.0 Annotations <a href="http://java.dzone.com/tips/tips-wicket-and-jee-6">http://java.dzone.com/tips/tips-wicket-and-jee-6</a>	10.07.2010
Create Heartbeat Charts with Ext JS, NetBeans IDE 6.9, and REST <a href="http://netbeans.dzone.com/extjs-rest-netbeans">http://netbeans.dzone.com/extjs-rest-netbeans</a>	03.07.2010
OSGi Service Hook to Log All Service Invocations Using Dynamic Proxy <a href="http://java.dzone.com/articles/osgi-service-hook-log-all">http://java.dzone.com/articles/osgi-service-hook-log-all</a>	12.12.2009
JBoss MQ and Hibernate Lazy Loading <a href="http://java.dzone.com/news/jboss-mq-amp-hibernate-lazy">http://java.dzone.com/news/jboss-mq-amp-hibernate-lazy</a>	27.11.2009
OSGi : Junit Test Extender Using Fragment and BundleTracker <a href="http://java.dzone.com/articles/osgi-junit-test-extender-using">http://java.dzone.com/articles/osgi-junit-test-extender-using</a>	10.02.2009
OSGi : PostEvent vs SendEvent in New Thread <a href="http://java.dzone.com/articles/osgi-postevent-vs-sendevent">http://java.dzone.com/articles/osgi-postevent-vs-sendevent</a>	27.09.2009
OSGi Annotation Extender <a href="http://java.dzone.com/articles/osgi-annotation-extender">http://java.dzone.com/articles/osgi-annotation-extender</a>	09.09.2009
Hessian Declarative Extender in SCA <a href="http://java.dzone.com/articles/hessian-declarative-extender">http://java.dzone.com/articles/hessian-declarative-extender</a>	16.02.2009
Hessian Service and Client on an OSGi Container : Part 2 <a href="http://java.dzone.com/articles/hessian-service-and-client-osg">http://java.dzone.com/articles/hessian-service-and-client-osg</a>	29.06.2009
Hessian Client Extender With Dynamic Proxy Inside OSGi	14.04.2009

<a href="http://java.dzone.com/tips/hessian-client-extender">http://java.dzone.com/tips/hessian-client-extender</a>	
SCA, Newton and Spring DM <a href="http://java.dzone.com/articles/hello-sca-newton-and-spring-dm">http://java.dzone.com/articles/hello-sca-newton-and-spring-dm</a>	04.02.2009
OSGi Event Admin with Spring DM <a href="http://java.dzone.com/articles/osgi-event-admin-with-spring-d">http://java.dzone.com/articles/osgi-event-admin-with-spring-d</a>	12.11.2008
Service Factory and OSGi Logging Proposal <a href="http://java.dzone.com/articles/service-factory-and-osgi-loggi">http://java.dzone.com/articles/service-factory-and-osgi-loggi</a>	08.10.2008
Debugging Spring OSGi with NetBeans IDE <a href="http://wiki.netbeans.org/DebuggingSpringOSGi">http://wiki.netbeans.org/DebuggingSpringOSGi</a> <a href="http://java.dzone.com/tips/debugging-spring-osgi-bundle-n">http://java.dzone.com/tips/debugging-spring-osgi-bundle-n</a>	05.06.2008
Enterprise Libraries and OSGi <a href="http://java.dzone.com/articles/enterprise-lib-and-osgi">http://java.dzone.com/articles/enterprise-lib-and-osgi</a>	26.08.2008
Scala OSGi Bundle With Spring DM <a href="http://java.dzone.com/articles/scala-osgi-bundle-with-spring-">http://java.dzone.com/articles/scala-osgi-bundle-with-spring-</a>	05.08.2008
Hessian Extender on OSGi Container <a href="http://java.dzone.com/articles/hessian-extender-osgi-containe">http://java.dzone.com/articles/hessian-extender-osgi-containe</a>	25.06.2008
LifeRay & JSf : How to get current logged User ? <a href="http://java.dzone.com/tips/liferay-jsf-how-get-current-lo">http://java.dzone.com/tips/liferay-jsf-how-get-current-lo</a>	16.03.2008

## NEWS

MongoDB : la magie des Reactive-Streams avec les Capped Collections <a href="http://www.infoq.com/fr/news/2015/05/reactive-streams-capped-collecti">http://www.infoq.com/fr/news/2015/05/reactive-streams-capped-collecti</a>	21.05.2015
Publication de l'API Reactive Streams 1.0 <a href="http://www.infoq.com/fr/news/2015/05/api-reactive-streams-1-0">http://www.infoq.com/fr/news/2015/05/api-reactive-streams-1-0</a>	07.05.2015
Docker, le dernier clou dans le cercueil des serveurs d'applications Java ? <a href="http://www.infoq.com/fr/news/2015/03/docker-vs-serveurs-app-java">http://www.infoq.com/fr/news/2015/03/docker-vs-serveurs-app-java</a>	19.03.2015

## INTERVIEW

Paremus, SCA with OSGi, David Savage , <a href="http://www.prosyst.com/">http://www.prosyst.com/</a> <a href="http://www.jroller.com/ouertani/entry/interview-paremus-sca-with-osgi">http://www.jroller.com/ouertani/entry/interview-paremus-sca-with-osgi</a>	02.2009
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